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Derwent Record

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⌘ Derwent Title: **Toothbrush with hand grip and replaceable head - has brush head exchangeably fitted on front part and having bristle carrier with extending bristles fixed in position by elastically deformable components**

⌘ Original Title: [WO9801055A1: TOOTHBRUSH AND BRUSH HEAD FOR SAID TOOTHBRUSH](#)

⌘ Assignee: **TRISA BUERSTENFABRIK AG** Non-standard company
FISCHER F Individual

⌘ Inventor: **FISCHER F;**

⌘ Accession/
Update:

⌘ IPC Code: **A46B 0/00 ; A46B 7/04 ; A46B 9/04 ;**

⌘ Derwent Classes: **P24;**

⌘ Derwent Abstract: ([WO9801055A1](#)) The bristle carrier (5) is held in a longitudinal guide in the front part (3) of the hand grip (2), extending in the longitudinal direction of the toothbrush and for exchange is displaceable along the longitudinal guide. The bristle carrier in its end position is fixed by securing components (38) elastically deformable crossways to the longitudinal direction against a longitudinal displacement. In order to improve the retention of the brush head in the hand grip, counterpoised wedging centering components (22, 42) are arranged in the end position of the bristle carrier. The longitudinal guide is formed by longitudinal grooves (14), in each of which engages a guide strip (34) on the bristle carrier. **Advantage** - The used bristle heads can be easily exchanged and the secure fixture of the bristle head during use is guaranteed.

⌘ Images:



, Dwg.4/7

Family:	PDF Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code
<input checked="" type="checkbox"/>	WO9801055A1 *	1998-01-15	199809	21	German	A46B 7/04
Des. States: (N) BR CA CN JP KR NO US (R) AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE						
Local appls.: WO1997CH0000209 Filed:1997-05-26 (97WO-CH00209)						
<input checked="" type="checkbox"/>	DE59705675G =	2002-01-17	200206		German	A46B 7/04
Local appls.: Based on EP00910258 (EP 910258) Based on WO09801055 (WO 9801055) EP1997000921573 Filed:1997-05-26 (97EP-0921573) WO1997CH0000209 Filed:1997-05-26 (97WO-CH00209) DE1997000505675 Filed:1997-05-26 (97DE-0505675)						
<input checked="" type="checkbox"/>	EP0910258B1 =	2001-12-05	200203	8	German	A46B 7/04
Des. States: (R) CH DE FR IT LI Local appls.: Based on WO09801055 (WO 9801055) WO1997CH0000209 Filed:1997-05-26 (97WO-CH00209) EP1997000921573 Filed:1997-05-26 (97EP-0921573)						
<input checked="" type="checkbox"/>	US6237183 =	2001-05-29	200132	7	English	A46B 9/04
Local appls.: Based on WO09801055 (WO 9801055) US1998000202179 Filed:1998-12-10 (98US-0202179) WO1997CH0000209 Filed:1997-05-26 (97WO-CH00209)						
<input checked="" type="checkbox"/>	BR9710249A =	1999-08-10	199953		PT_BR	A46B 7/04
Local appls.: Based on WO09801055 (WO 9801055) BR1997000010249 Filed:1997-05-26 (97BR-0010249) WO1997CH0000209 Filed:1997-05-26 (97WO-CH00209)						
<input checked="" type="checkbox"/>	EP0910258A1 =	1999-04-28	199921		German	A46B 7/04
Des. States: (R) CH DE FR IT LI Local appls.: Based on WO09801055 (WO 9801055) EP1997000921573 Filed:1997-05-26 (97EP-0921573) WO1997CH0000209 Filed:1997-05-26 (97WO-CH00209)						
NO9900092A = 1999-01-08 199916 NO_NO A46B 0/00 Local appls.: NO1999000000092 Filed:1999-01-08 (99NO-0000092) WO1997CH0000209 Filed:1997-05-26 (97WO-CH00209)						

 INPADOC

Legal Status:

First Claim:

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Patentansprüche 1. Zahnbürste mit einem Handgriff (2), auf dessen vorderen Teil (3) ein Bürstenkopf (4) auswechselbar aufgesetzt ist, der einen Borstenträger (5) mit abstehenden Borsten (6) aufweist, dadurch gekennzeichnet, dass der Borstenträger (5) in einer sich in Längsrichtung (S) der Zahnbürste erstreckenden Längsführung im vorderen Teil (3) des Handgriffes (2) gehalten und zum Auswechseln entlang dieser Längsführung verschiebbar ist, und in seiner Endstellung über quer zur Längsrichtung (S) elastisch deformierbare Rastelemente (37, 38) gegen eine Verschiebung in der Längsrichtung (S) fixiert ist, und dass zur Verbesserung des Haltes des Bürstenkopfes im Handgriff (2) dem Handgriff (2) und dem Borstenträger (5) sich in der Endstellung des Borstenträgers (5) gegenseitig verkeilende Zentrierelemente (22, 42) zugeordnet sind.

Priority Number:

Application Number	Filed	Original Title
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CH1996000001705 | 1996-07-08 |

>Title Terms:

TOOTHBRUSH HAND GRIP REPLACE HEAD BRUSH HEAD EXCHANGE FIT
FRONT PART BRISTLE CARRY EXTEND BRISTLE FIX POSITION ELASTIC
DEFORM COMPONENT

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